

ABSTRACT

Magnetic Separators

5        This invention relates to magnetic separators and in a particular embodiment the separator includes a chamber 11 having inlets and outlets 12, 13 which together define a flow path 14. Axially extending tubes 15 are disposed in an array around the cross-section of the chamber 11 and the perforated baffle plate 18 divides the chamber 11 into top and bottom 10 compartments 16, 17. Each tube contains a magnetic shuttle 19, which can be moved up and down the tube between separator and release positions using a pneumatic control system.